



PATENT
1422-0454P

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IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Yuki HIDAKA et al. Conf.: 5562
Appl. No.: 09/749,388 Group: 1714
Filed: December 28, 2000 Examiner: C. Shosho
For: WATER-BASED INK

AMENDMENT AND REPLY UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents
Washington, DC 20231

November 7, 2002

Sir:

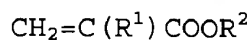
In reply to the Examiner's Office Action dated May 10, 2002, the period for response having been extended three (3) months to November 10, 2002, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE CLAIMS:

Please amend the claims as follows:

1. (Amended) A water-based ink comprising:

- (A) a coloring material; and
- (B) an aqueous dispersion of polymer particles comprising a water-insoluble graft copolymer having an acrylic polymer side chain (P) and a salt-forming group (Q), wherein the acrylic polymer side chain (P) is a polymer made of at least one monomer represented by the formula (1):



(1)

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11/08/2002 NH04AH1 00000148 09749388

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